

FIG. 1

Fig A: Outbound speech samples overlayed with VAD

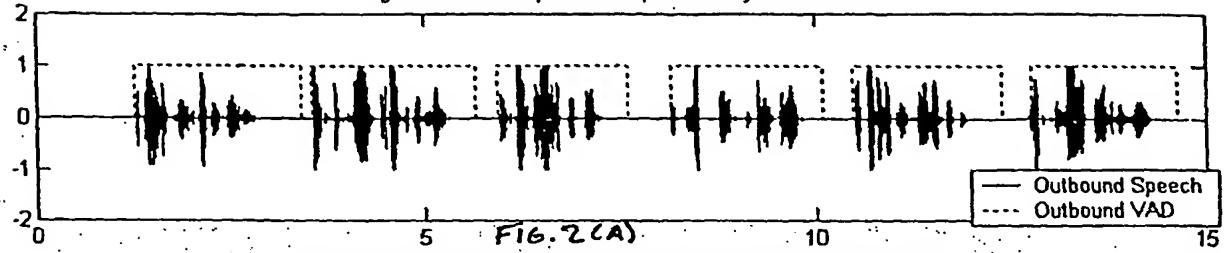


FIG. 2(A)

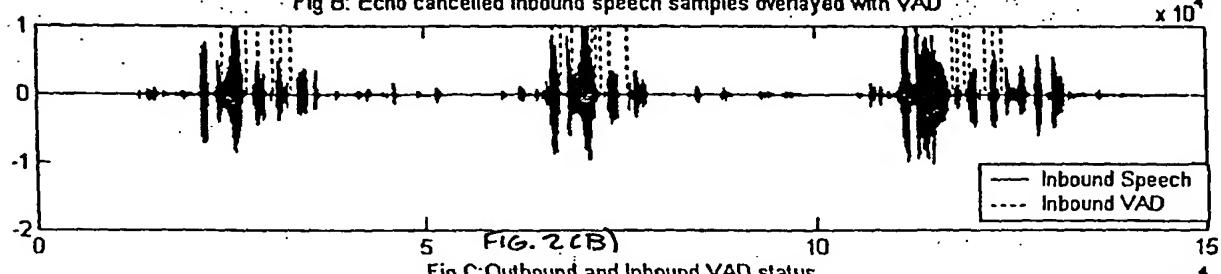


FIG. 2(B)

Fig C:Outbound and Inbound VAD status

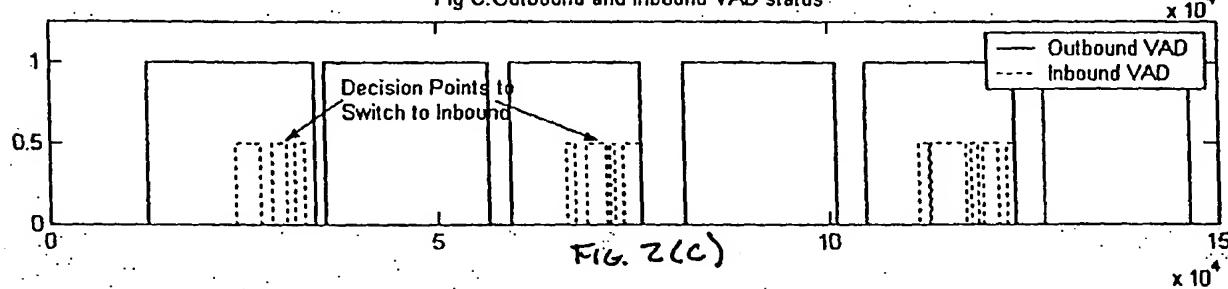


FIG. 2(C)

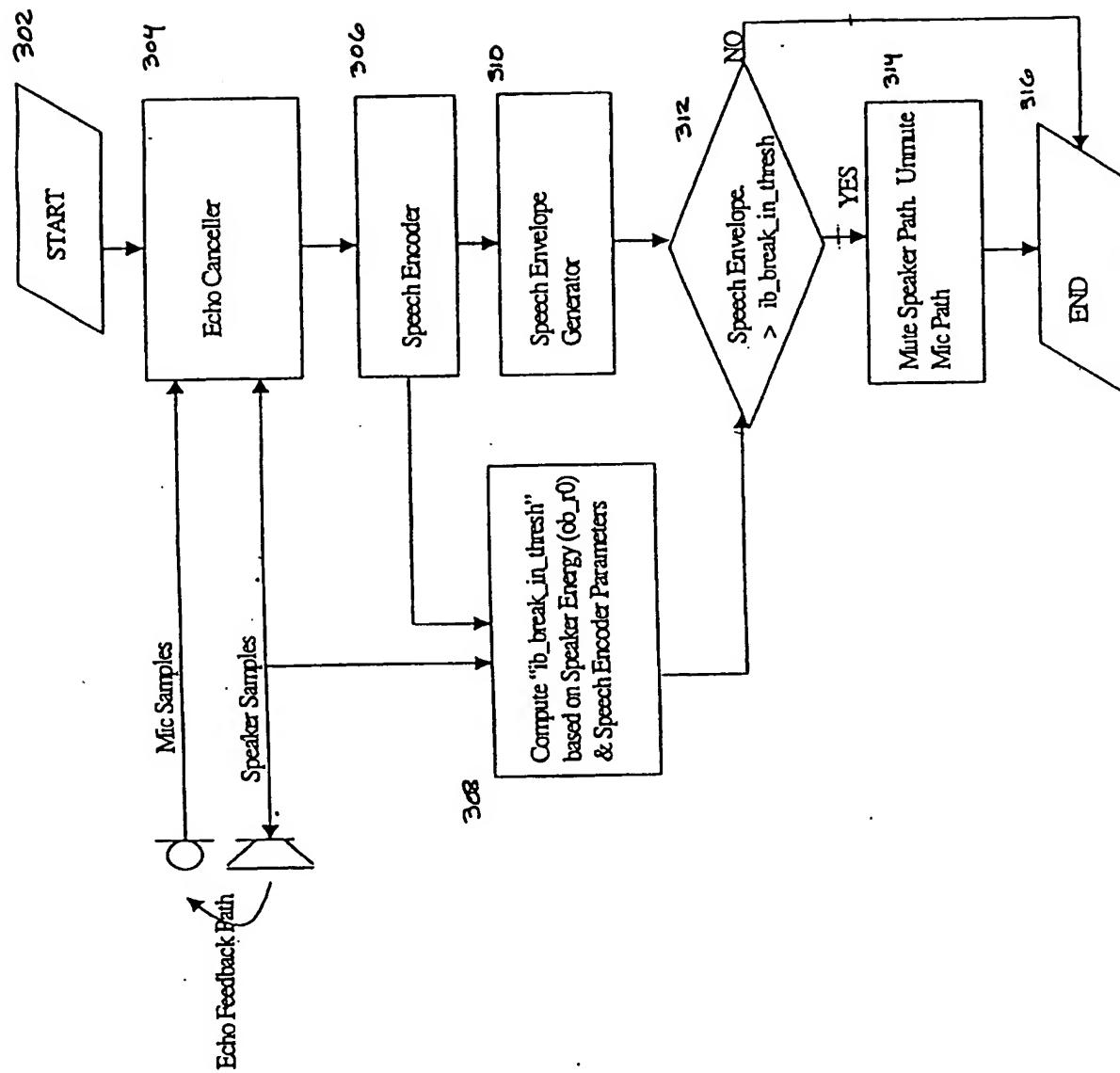
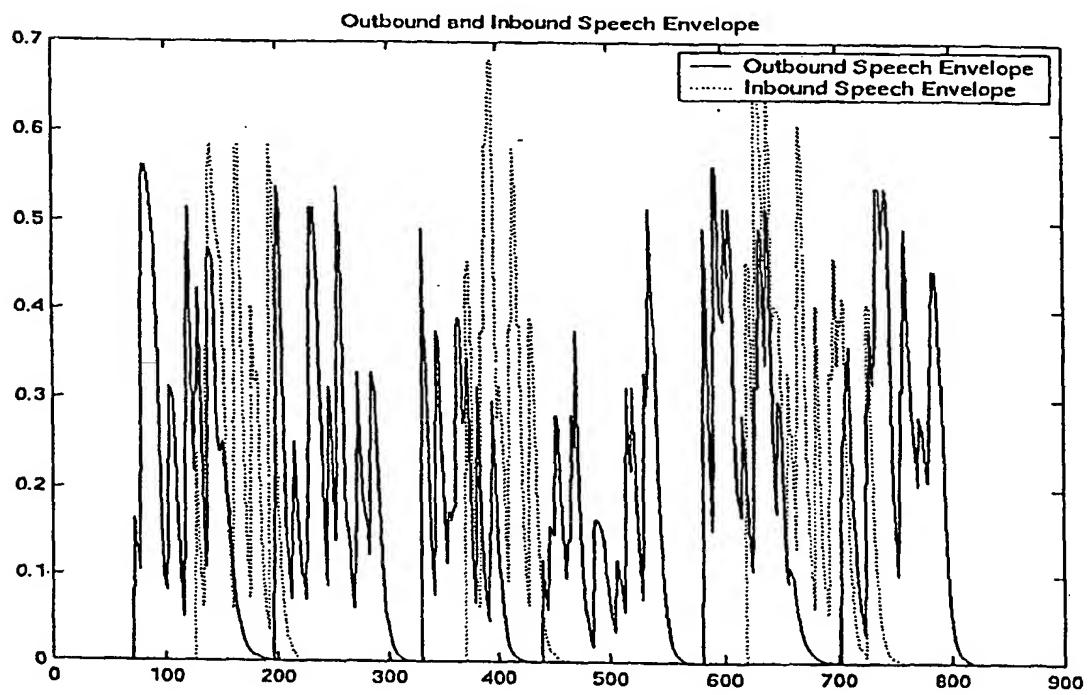
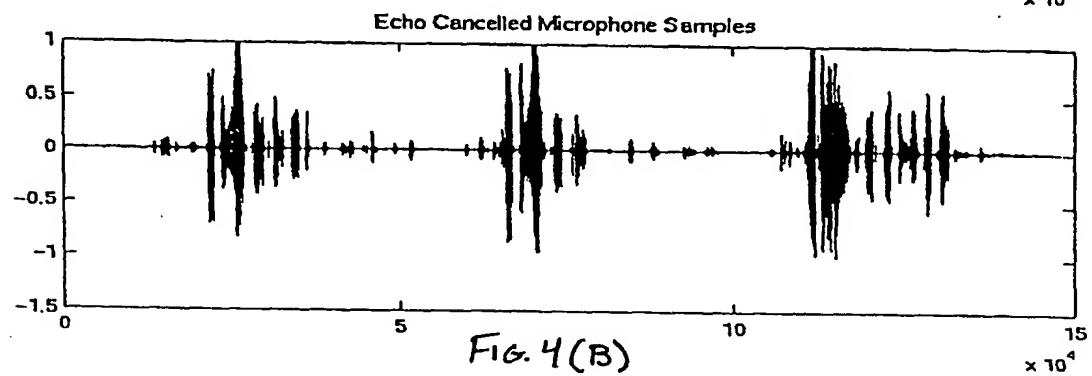
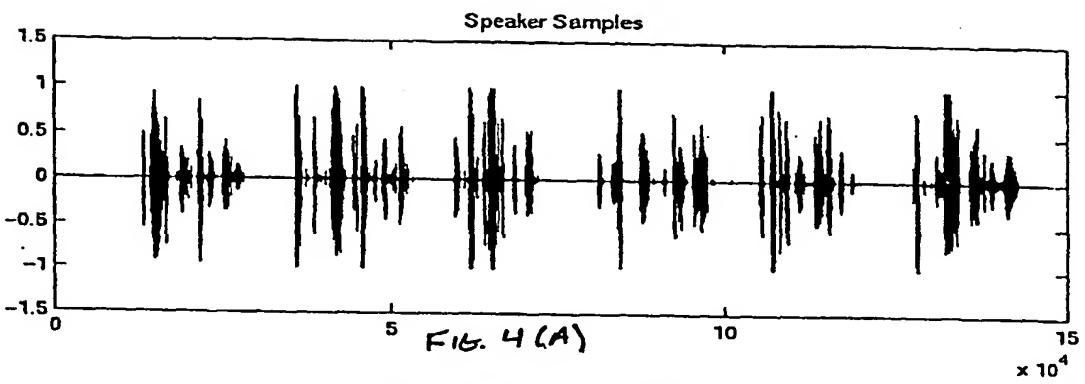


Fig 3



*FIG. 5*

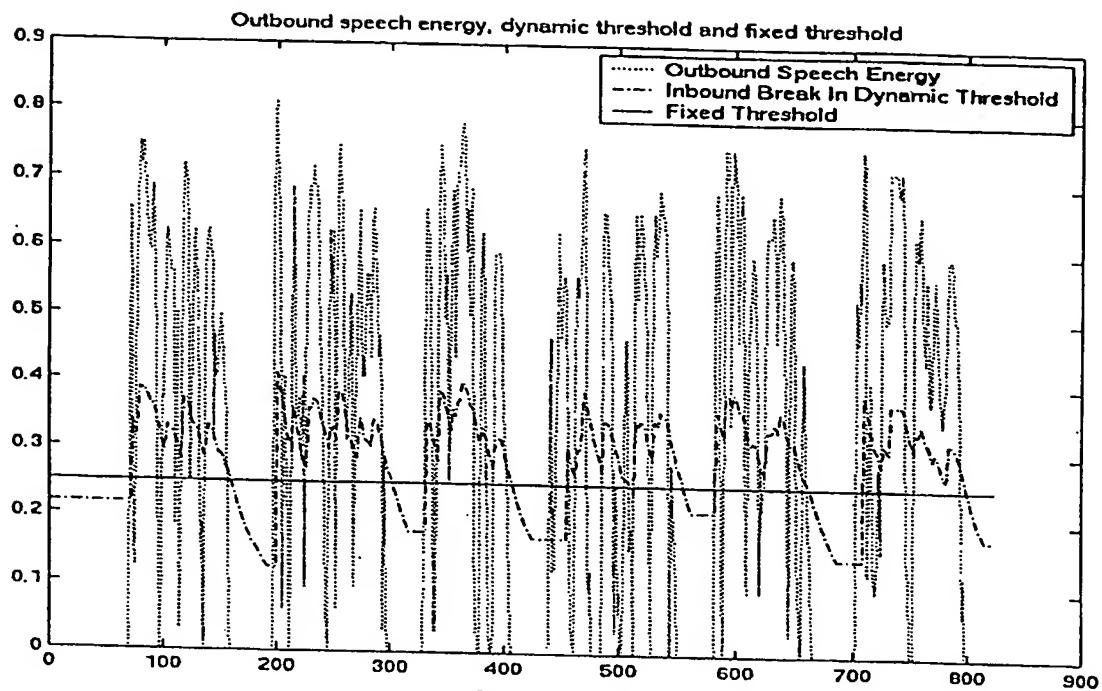


FIG. 6

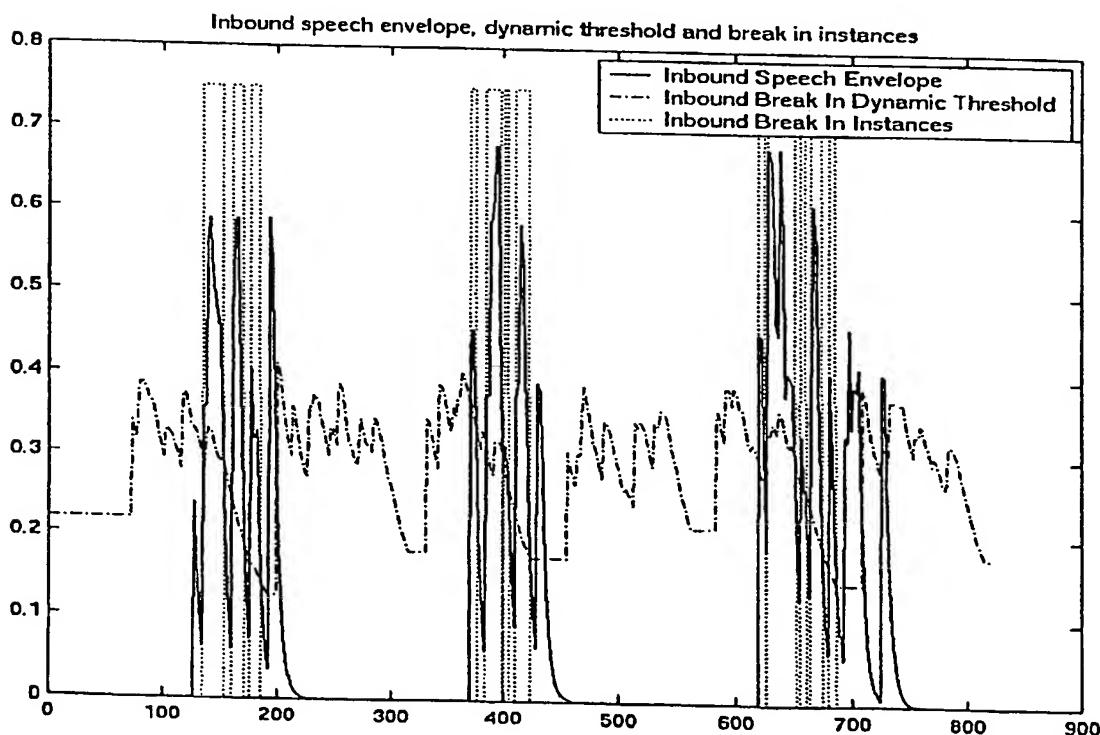
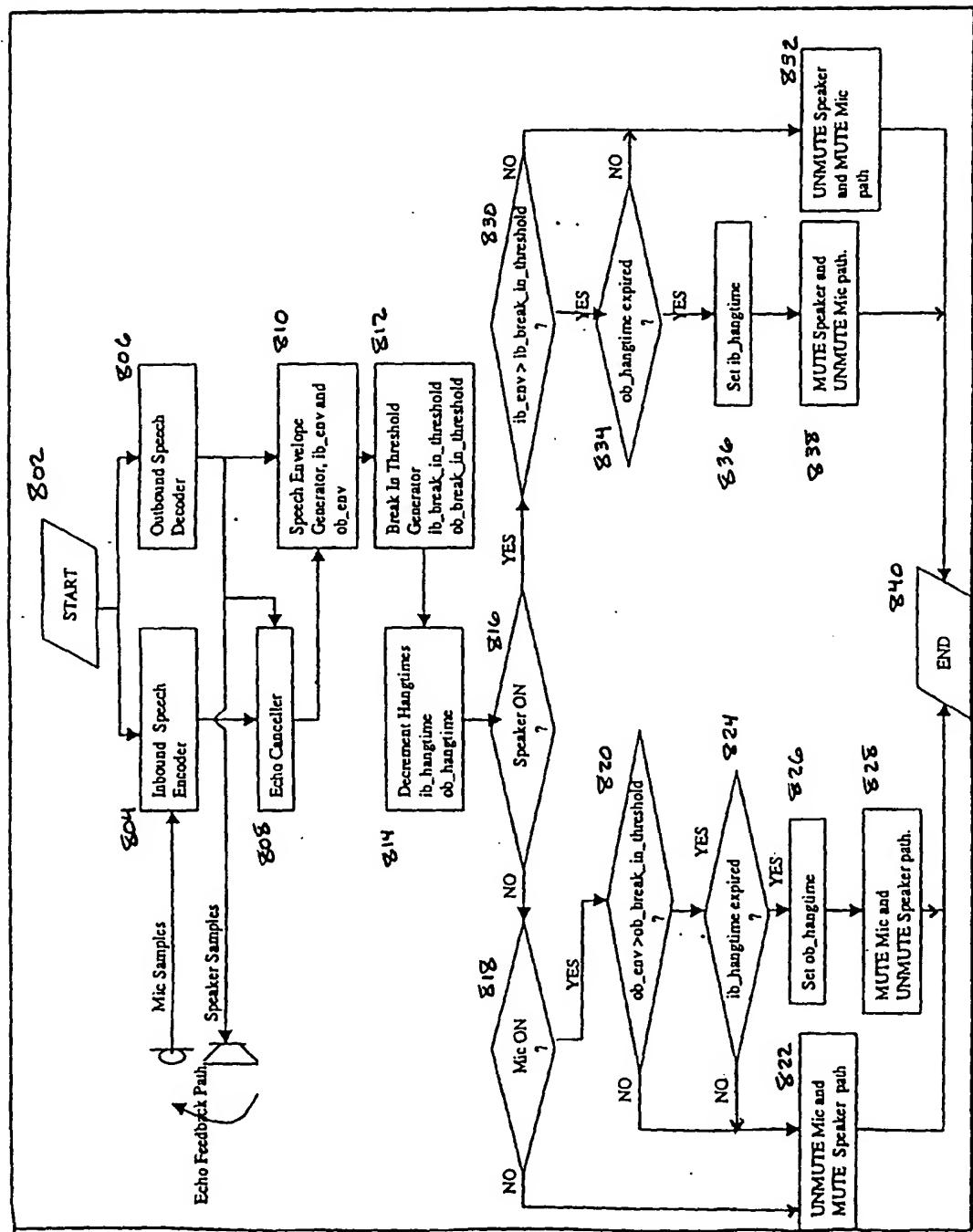


FIG. 7



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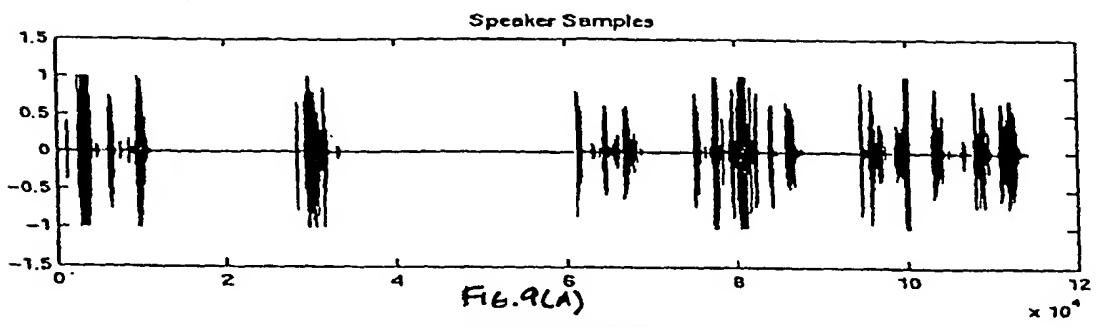


FIG. 9(A)

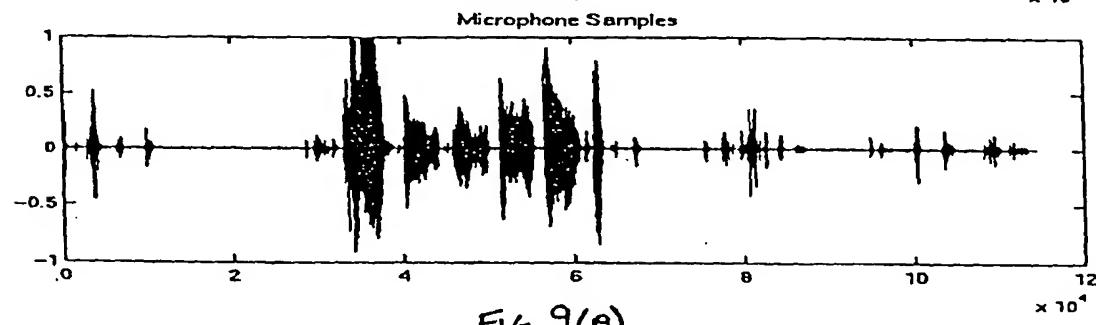


FIG. 9(B)

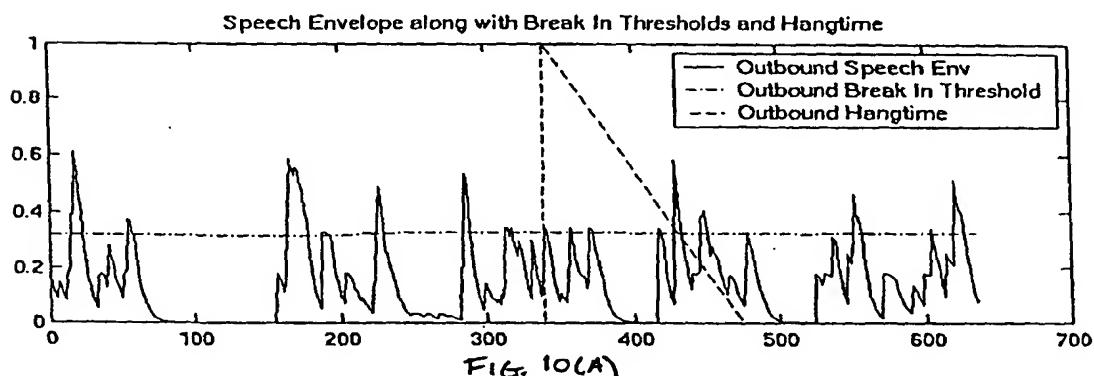


FIG. 10(A)

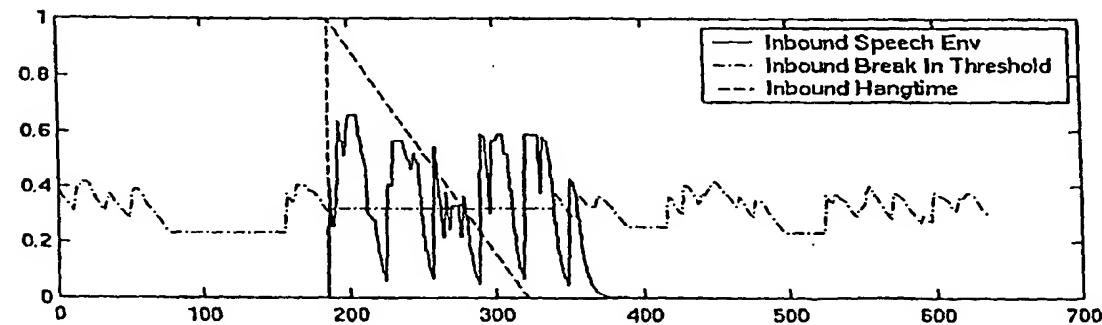


FIG. 10(B)

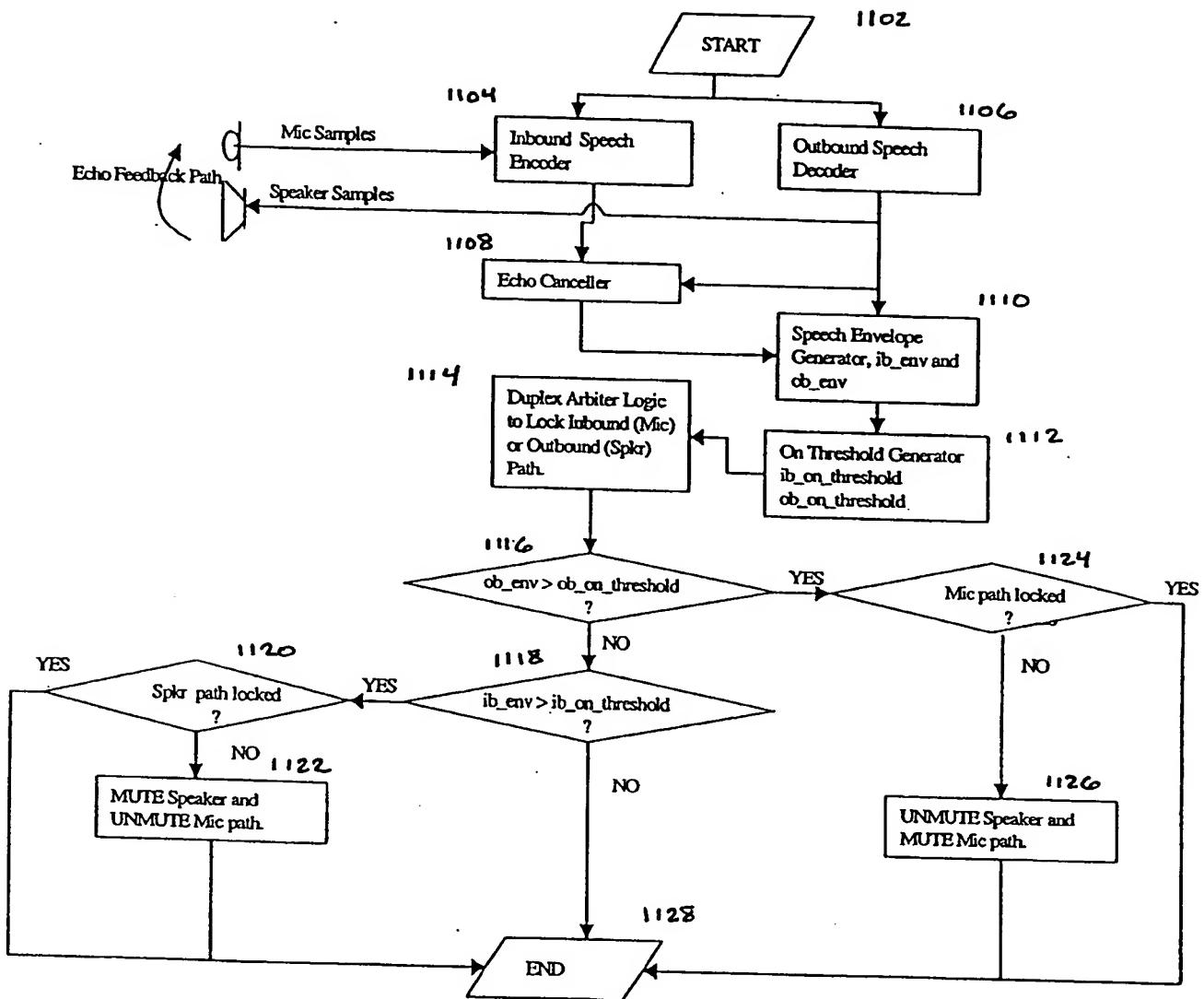
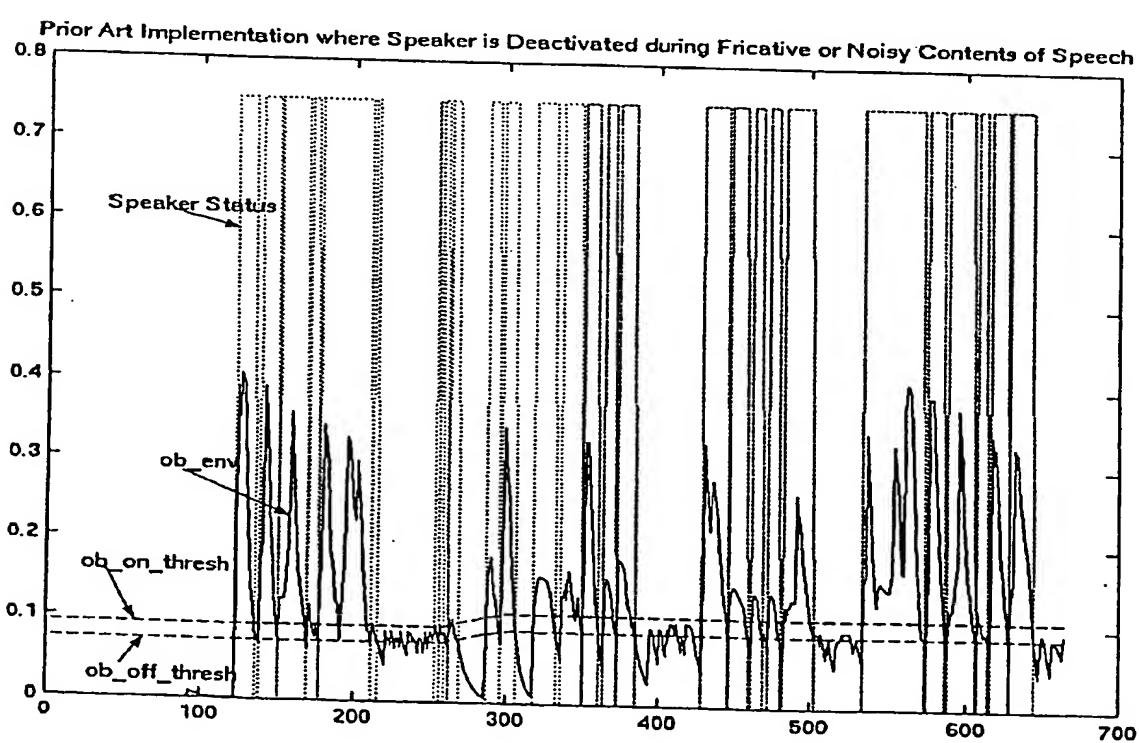
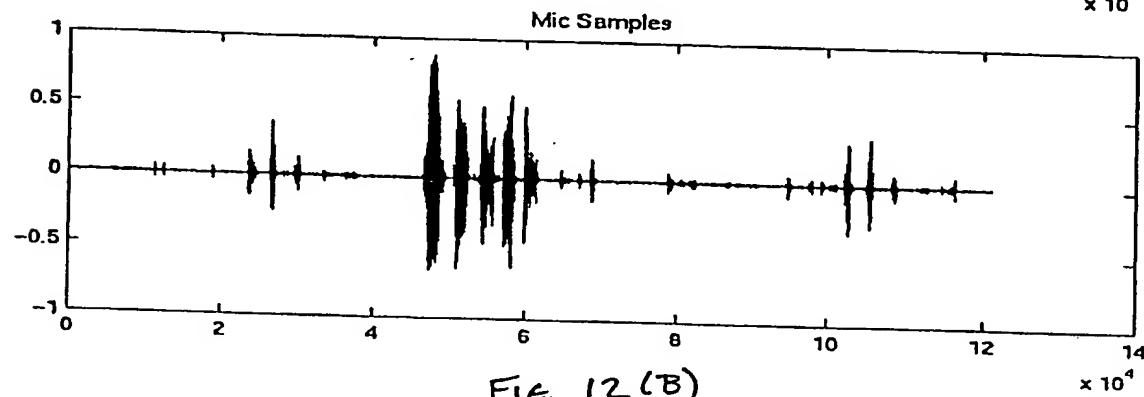
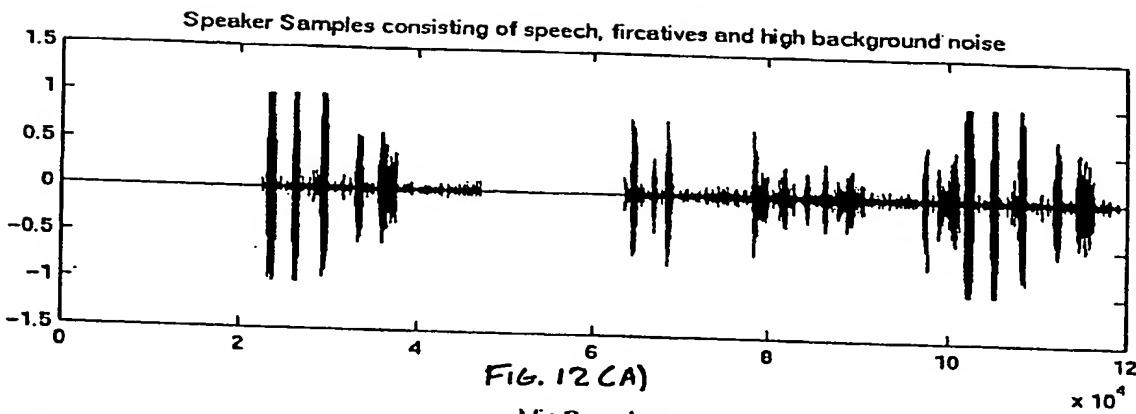


FIG. 11



New Art Implementation where Speaker is NOT Deactivated during Fricative or Noisy Periods of Speech

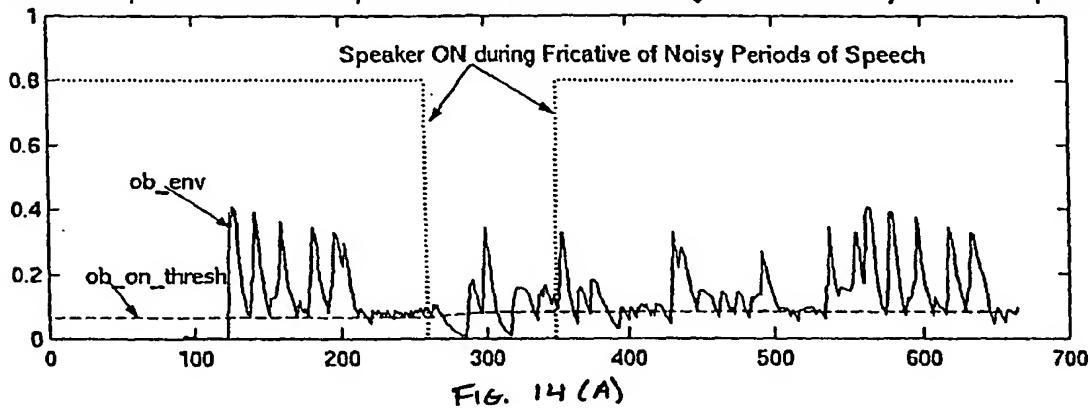


FIG. 14 (A)

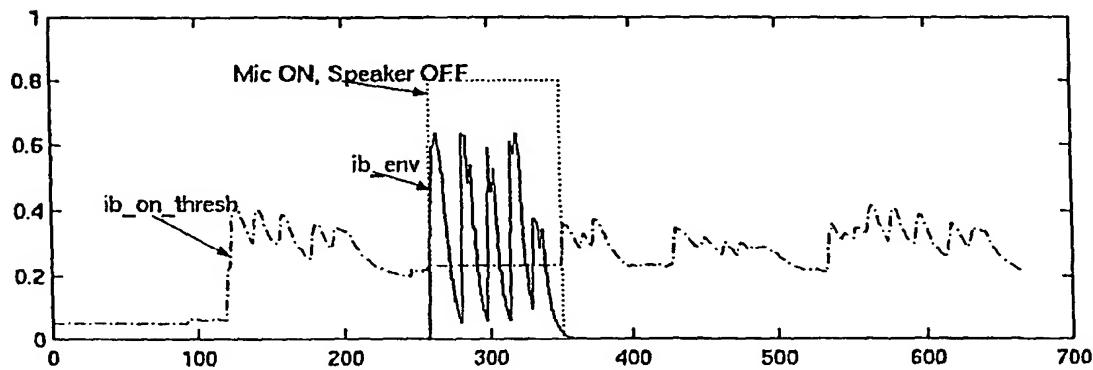


FIG. 14 (B)